

INEXPENSIVE RELIABLE COMPUTER STORAGE VIA HETERO- GENEOUS ARCHITECTURE AND A STAGED STORAGE POLICY

ABSTRACT OF THE DISCLOSURE

5 An inexpensive storage system is disclosed along with methods of
managing such a system. In one preferred embodiment, the system includes a
high performance high reliability storage medium configured for initial storage
of data, a low performance high reliability storage medium configured for
backup of data initially stored on the high performance high reliability storage
10 medium, and a high performance low reliability storage medium, configured to
receive data transferred from the high performance high reliability storage
medium, after the data has been backed up on the low performance high
reliability storage medium. This significantly reduces the cost of the system
without substantially comprising performance. Reliability is likewise maintained
15 owing to the high reliability backup.